Identifying Functions | Equations

A) State whether each equation represents a function.

1) $4y^3 = 7x + 9$

2) $-8x^4 = 2y^2$

B) 1) Which of the following equations represents a function?

a) $-12 = y^5 - x$ b) $3 + 4x = y^8$ c) $\frac{6x^2 + 7}{3} = y^2$ d) $5y^6 = -2 + 9x$

2) Which of the following equations does not represent a function?

a) $\frac{9y^7 - 5}{10} = x^8$ b) $7y^2 - 11 = 8x$ c) $3x + 7y^9 = 11$ d) $-5 + 2y^5 = x$